

# ABSTRACT

The present invention develops and provides  $\gamma\delta$ T cell activity enhancers and therefore immunopotentiators containing an extract of *Lentinus edodes* mycelium for use in the treatment of tumor or the treatment and/or prevention of bacterial infections or viral infections by taking advantage of the effect that the extract of *Lentinus edodes* mycelium has in remarkably enhancing the activity of  $\gamma\delta$ T cells.

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